

To: ham-ant@ucsd.edu

jreid@csugrad.cs.vt.edu (Joe Reid) writes:

>Could someone please point me in the direction of some Mac antenna modeling
>software. Thanks.

The only one I know of is MacMININEC, sold by (this is from the README):

Chris Smolinski
40 South Lake Way
Reisterstown, MD 21136

(He) can also be reached on Compuserve, send mail to 75470,3216,
and on America Online at Chris456.

I have tried it on a II, IIcx, IIci, IIfx and Quadra 950 and it seems
to work on all (some under 6.0.4 and some under 7.0 MacOS).

In terms of capabilities, though, it does not come close to Brian
Beezley's version of MiniNEC for MS-DOS. In addition to using
Beezley's program on a '486 box, I have also successfully used it on
my Mac using Soft-AT (software emulation of MS-DOS on a Mac)

Because of Beezley's copy protection mechanism, you will need
to transfer Beezley's entire disk to a folder on the Mac, from a
connection to a real DOS machine, using one of the Soft-AT utilities
first. Soft-AT emulates a DOS disk to that level!

If you already have Soft-AT, I would recommend Beezley's program
over MacMININEC. Be forewarned, software emulation is not for the
impatient. Versus a '486 clone board (real 486-DX "Intel Inside",
though :-) at 33 MHz, I was clocking something like 50 times slower
with a IIci/Soft-AT combination.

Disclaimer: I have no connection with Chris Smolinski, Brian Beezley,
Intel, or Soft-AT except for having bought their goodies. I do have
connections with the company that builds Macintosh, :-), and I have
tried to be as neutral as I can in the above posting.

73,

Kok Chen, AA6TY
Apple Computer, Inc.

kchen@apple.com

Date: Sun, 29 Aug 1993 16:50:58 GMT
From: dog.ee.lbl.gov!agate!spool.mu.edu!bloom-beacon.mit.edu!world!
dts@network.ucsd.edu
Subject: R7 Info Needed
To: ham-ant@ucsd.edu

In article <20515@smoke.brl.mil> abc@brl.mil (Brinton Cooper) writes:
>I'm contemplating the purchase of a CushCraft R7 antenna and would
>appreciate knowing your experiences. In particular, I'd like to know:
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>
> 1. how/where you mounted it;

I have mine on a 16 foot pole, which is secured to the back of the garage.
The antenna base is a foot or two above the garage roof.

> 2. your assessment of its performance, including VSWR, pattern,
>and subjective factors;

Performance has been very good. We took 4th place in the RTTY Roundup using
this antenna for the higher bands, and some wires for 80 meters. radiation
angle appears to be as advertised, relatively low to the horizon. One of my
wire antennas that covers the higher bands has a high angle, so switching
between the two is useful as well. SWR on the bands was not a problem.
Adjustments for some bands are a little time consuming (putting the antenna
up, taking it down), but no big deal. An MFJ SWR analyzer is a useful tool
to have around (let's you look outside ham bands for that dip in the SWR).

40 meters is pretty narrow banded, but with a tuner (even an autotuner) the
whole band is usable.

> 3. how much room it requires;

Vertically, its height. Horizontally, allow for at least 8 feet in diameter,
and nothing near it should be big and metallic. Generally it should be in-
the-clear. Having trees nearby is not too much of a problem. Metal gutter
downspouts would be another matter.

> 4. if you recommend it and, if not, why not;

I'd recommend it, and would buy another if I had a need for one.

> 5. any other relevant thing.

>
>Thanks for your time. Please post or send e-mail as convenient for you.

>
>_Brint
>
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End of Ham-Ant Digest V93 #31
